Army Reserve Storage and Maintenance System

December 17, 2003

STANLEY

COMMITMENT, INTEGRITY, RESULTS

Agenda

- **Background**
  - ARSAMS leverages other development efforts.
  - Provides requested functionality to SAMS ITDA user group.
  - Compatible with Single Army Logistics Enterprise.
  - Comparison
    - SAMS (ITDA)
    - ULLS-G
- **ARSAMS Overview**

Background – Leveraging Development

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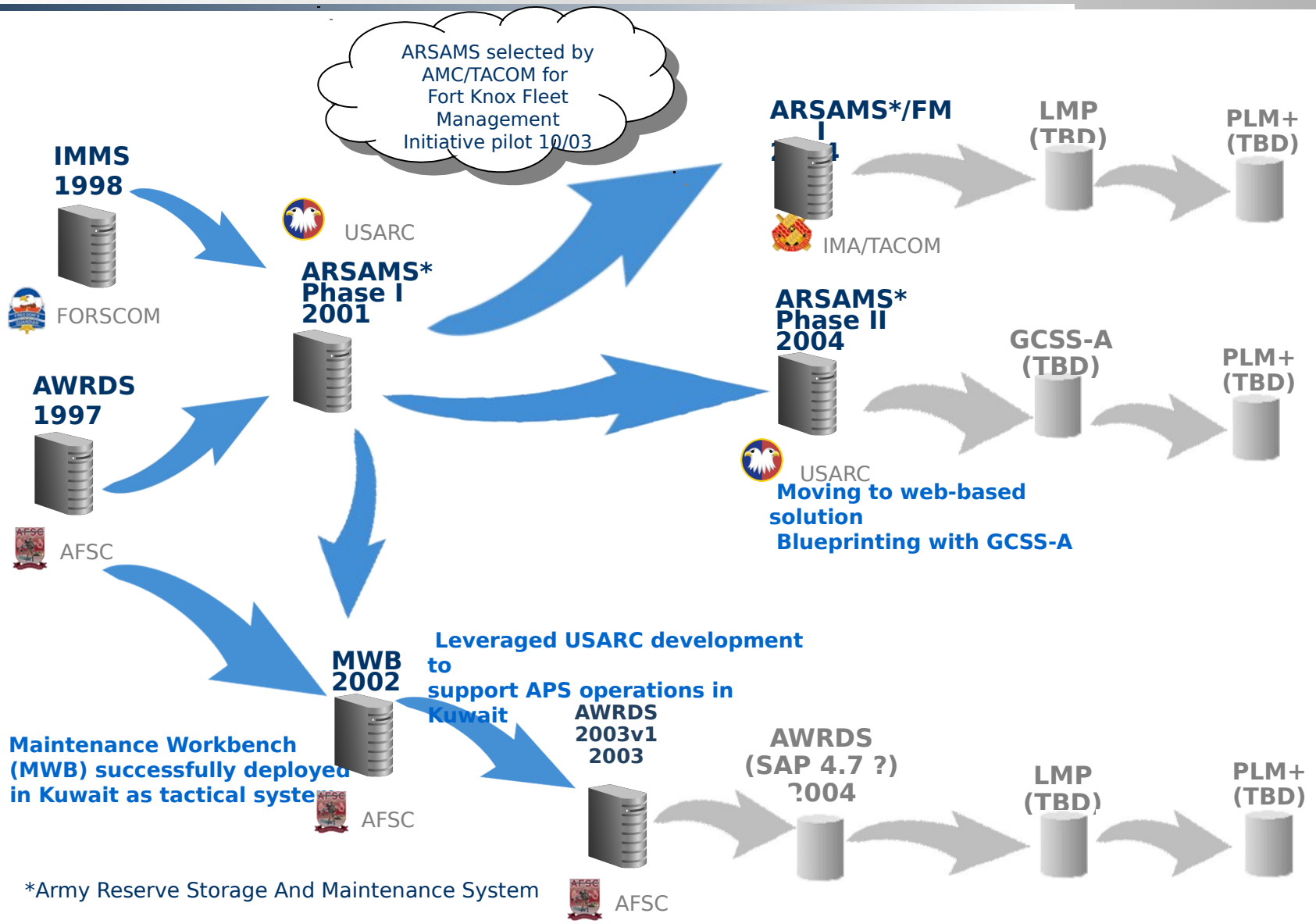

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Fit

- **ARSAMS compatible with Army/DOD transformation initiatives:**
  - Single Army Logistics Enterprise
  - Future Logistics Enterprise
  - Joint Transformation Roadmap
- **Provides soldiers with modernized, web based alternative to STAMIS as interim solution until GCSS-Army is fielded**
- **ARSAMS requirements will be included in GCSS-Army blueprinting process**
- **Provides roadmap to complete ERP solution**

Single Army Logistics Enterprise

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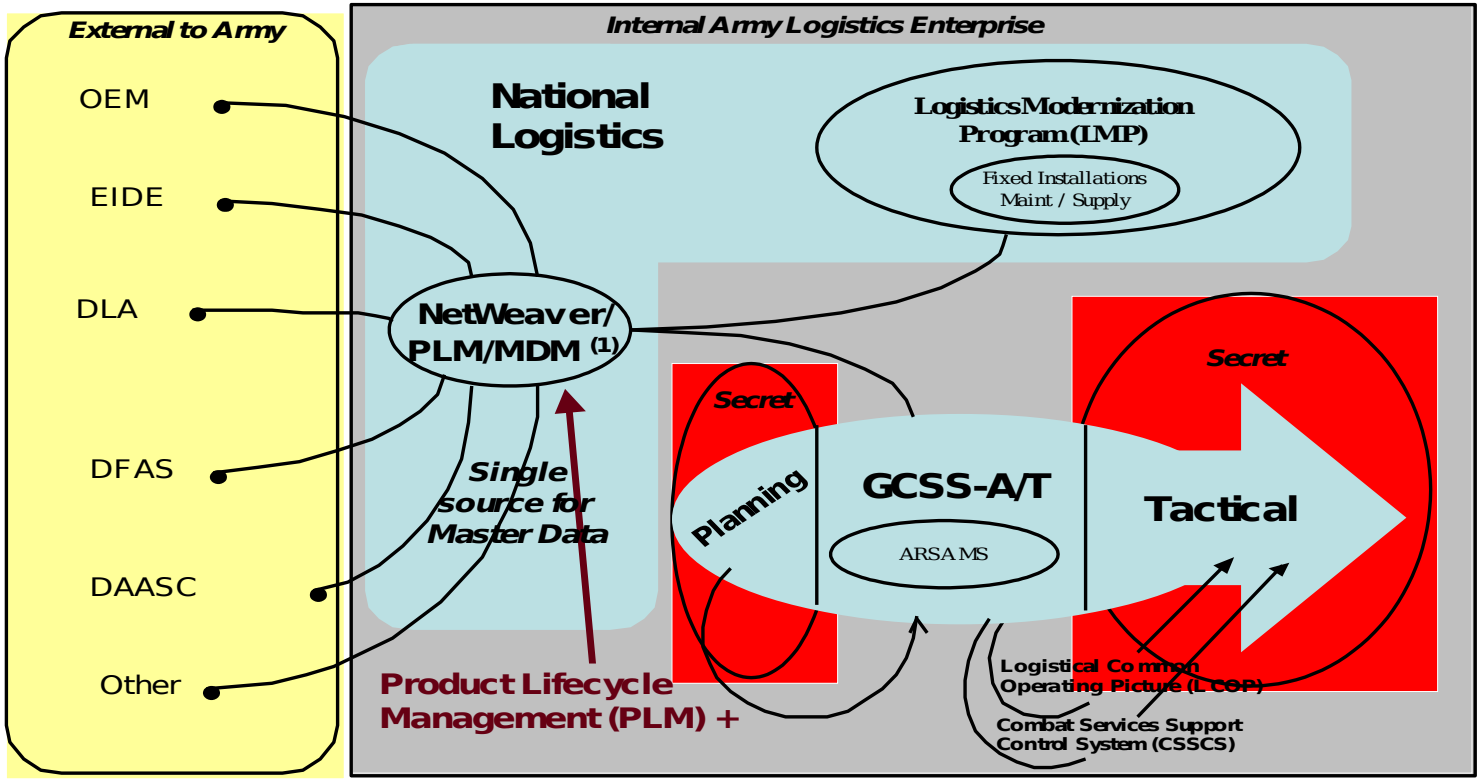
High Level Logistics System Architecture Overview



Note: 1. Master Data Management (MDM)

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ARSAMS to STAMIS Comparison

- **SAMS I/TDA**
  - ARSAMS / SAMS I/TDA Gap Analysis performed in July 2002
  - ARSAMS Maintenance Module updated to include all required SAMS ITDA functionality
  - ARSAMS functionality not in SAMS ITDA:
    - Warranty Management
    - ECOR
    - End Item Parts List
    - Customer Management
    - DHA for local purchase
    - Labor accounting
    - Shift work
    - Premium pay
    - Standard Tasks by EIC
    - Projected man hours by MAC
    - Historical data by MAC
    - Tasks linked to TM
- **ULLS-G**
  - ARSAMS / ULLS-G Gap Analysis performed in November 2002
  - ARSAMS Maintenance Module satisfied most of ULLS-G requirements
  - ULLS G requirements not in ARSAMS:
    - DA Form 5988E (T/I) process
    - Driver Licensing
    - Dispatching
  - ARSAMS June 2004 release will include these requirements

ARSAMS Demonstration

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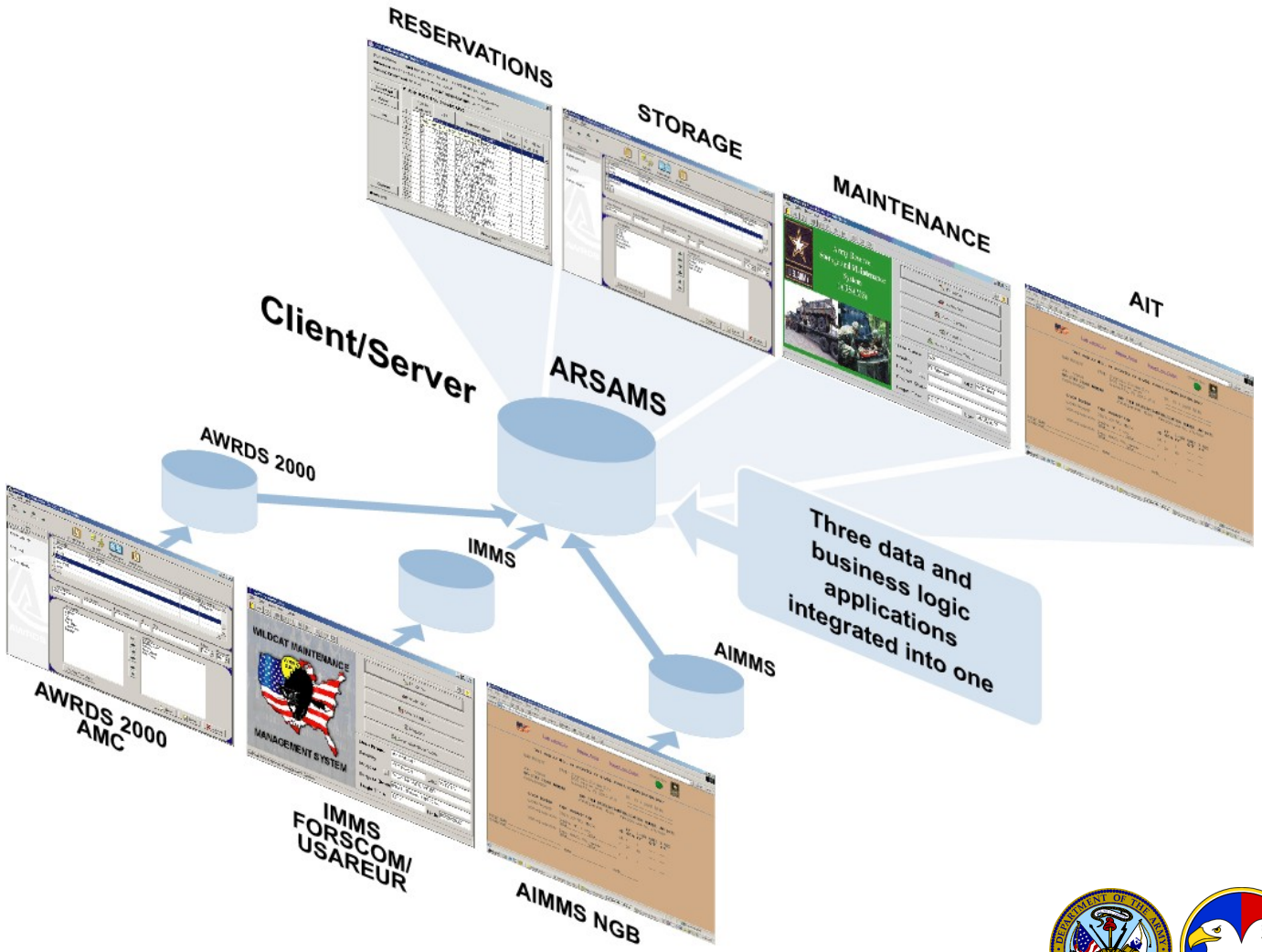
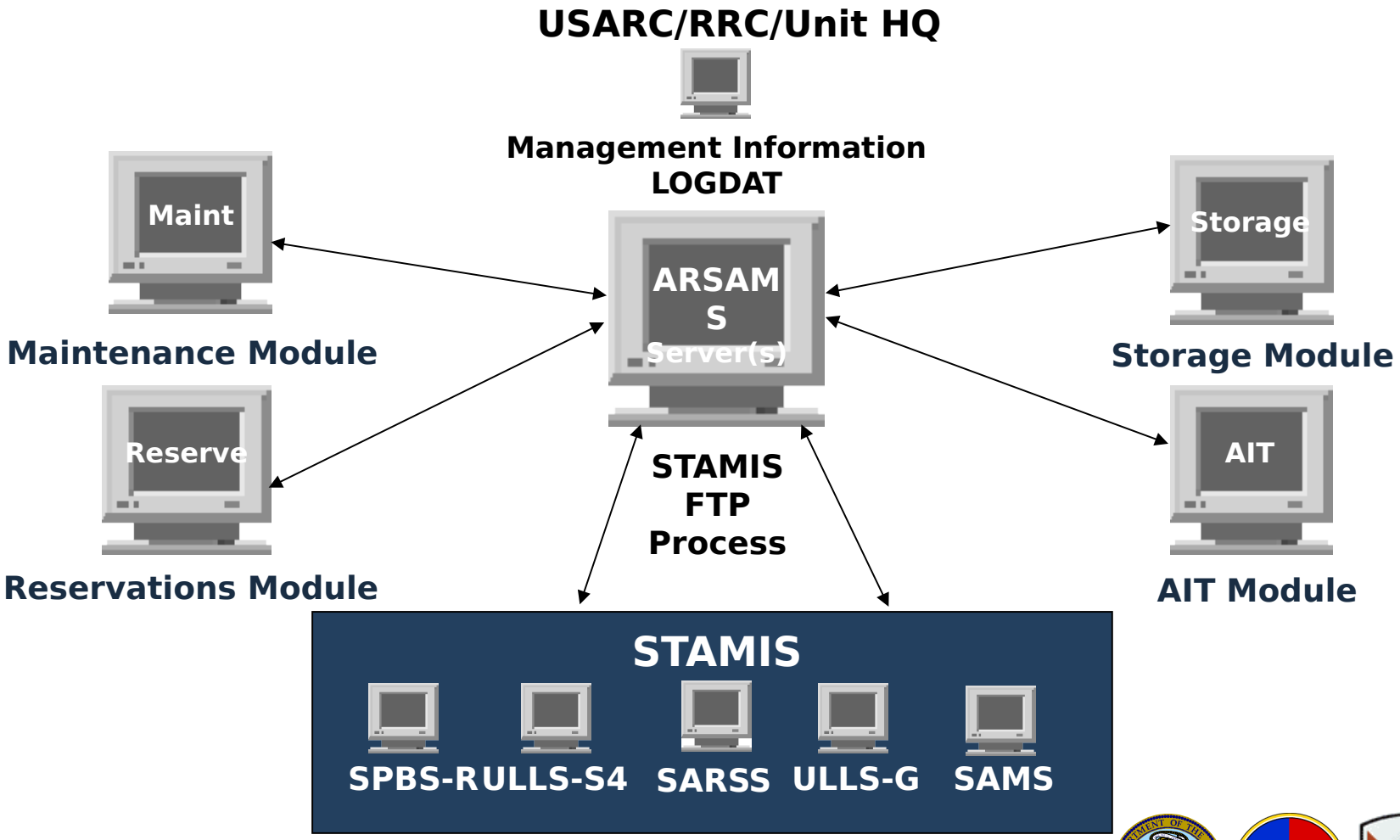
ARLOG XXI Requirements

- **Support Army multi-level, command-wide logistics management requirements.**
- **Support equipment storage activities management in Strategic Storage Sites (SSS) and Equipment Concentration Sites (ECS).**
- **Support maintenance management at SSS, ECS, and Area Maintenance Support Activities (AMSA).**
- **Provide**
  - Management information and global visibility of log operations
  - STAMIS connectivity, as required for mission
  - Single database, client-server application transitioning to web-based application

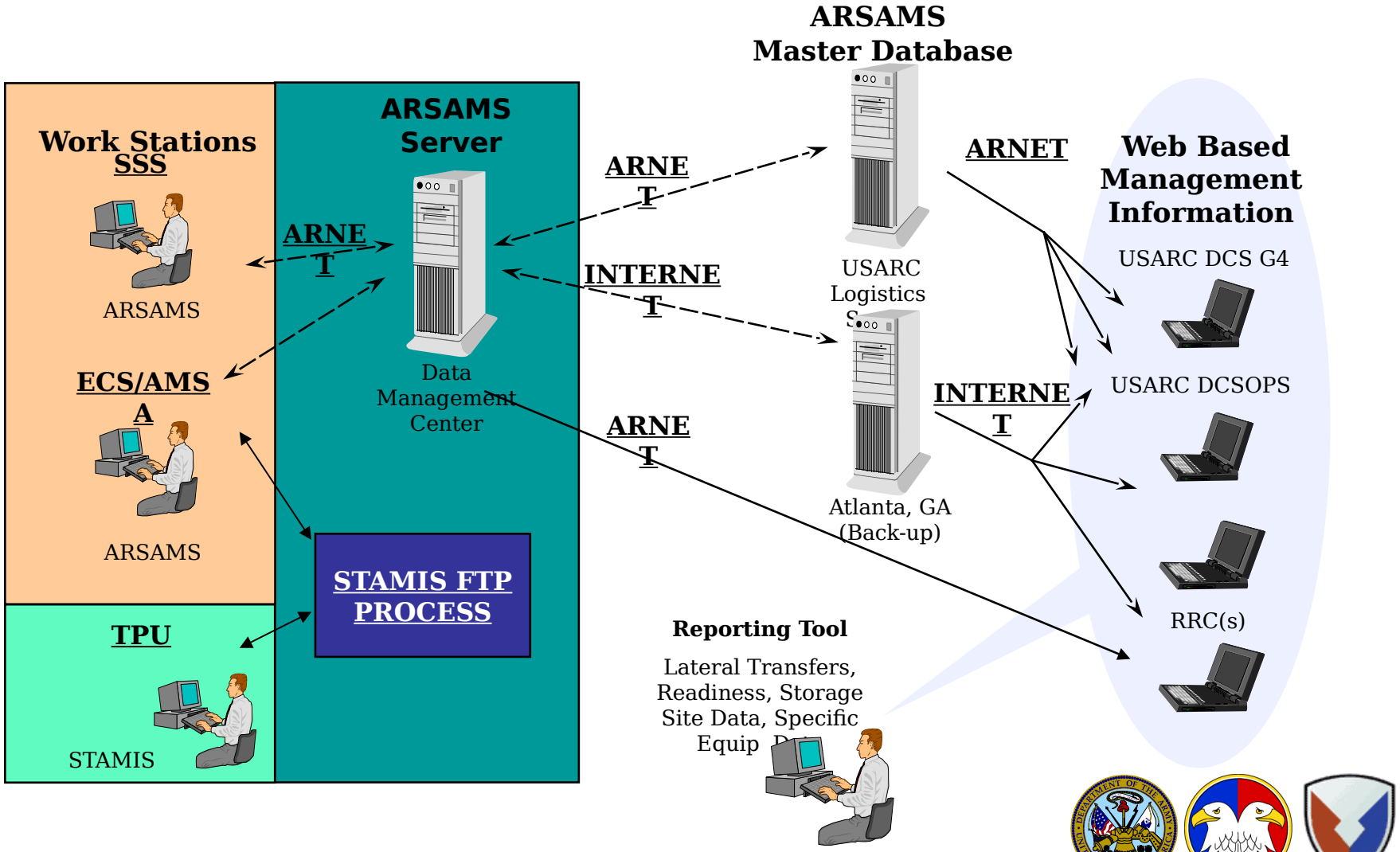
Integrated GOTS Applications



ARSAMS Architecture

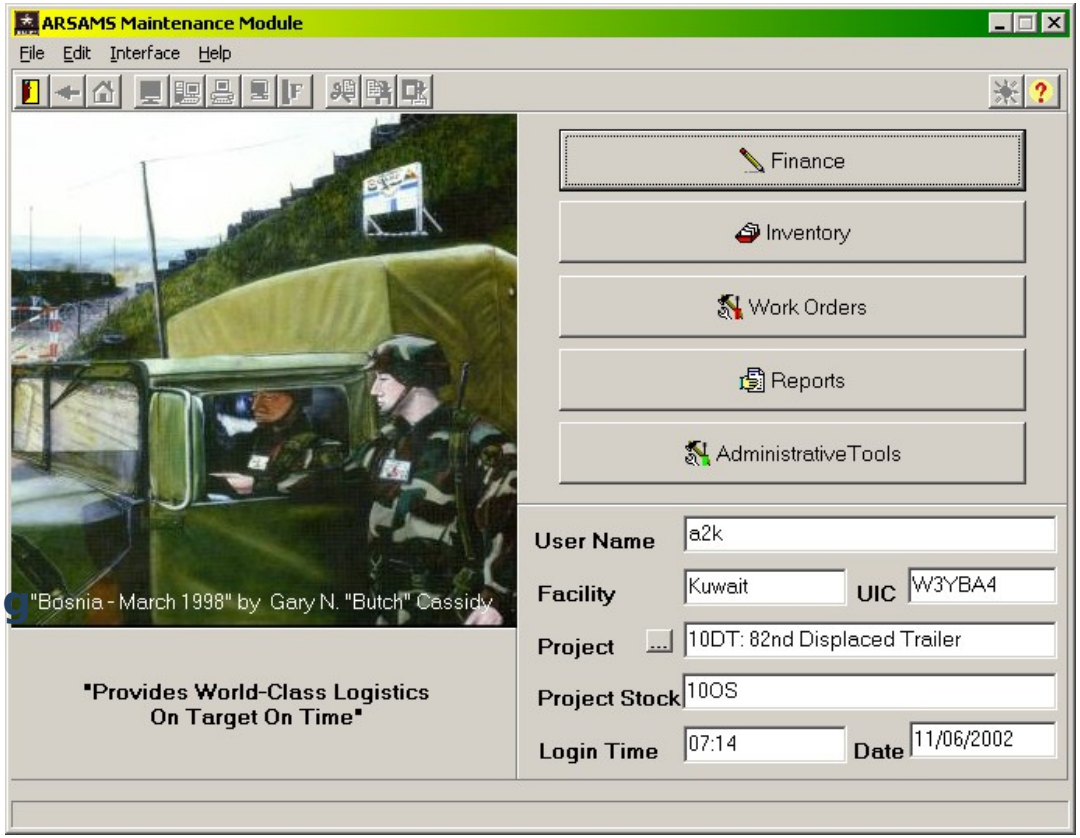


Operational Architecture



ARSAMS Maintenance Module

- Warranty Management*
- ECOR*
- End Item Parts List*
- Customer Management*
- Historical Data by MAC*
- DHA for Local Purchase items*
- Equipment Condition Tracking
- Scheduled Services
- Unscheduled Maintenance
- Requisition Parts via Army Supply System and Commercial Vendor



* - Not in SAMS I/TDA

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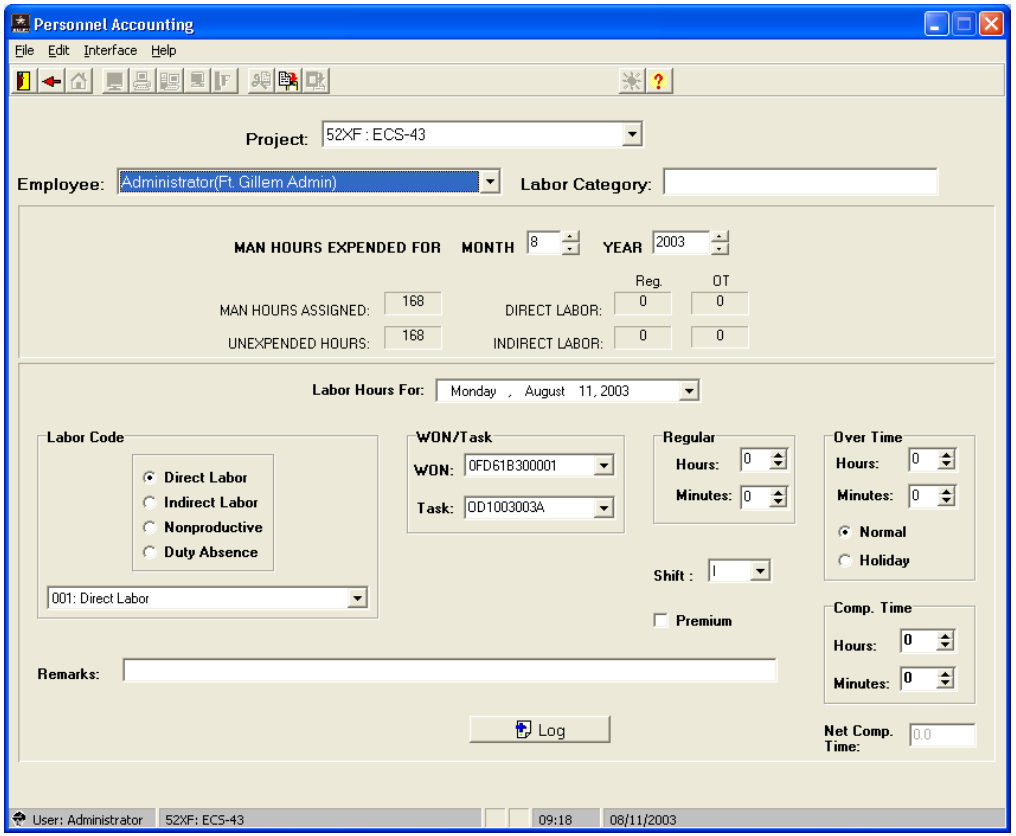
ARSAMS Maintenance Module

Personnel Accounting

- Contractor Labor Hours*
- Contractor Line Item Number Billing*
- Shift Work*
- Premium Pay*
- Compensation Time Accountability*
- Overtime and Holiday Pay
- Capability extended to PDA*



* - Not ins SAMS I/TDA

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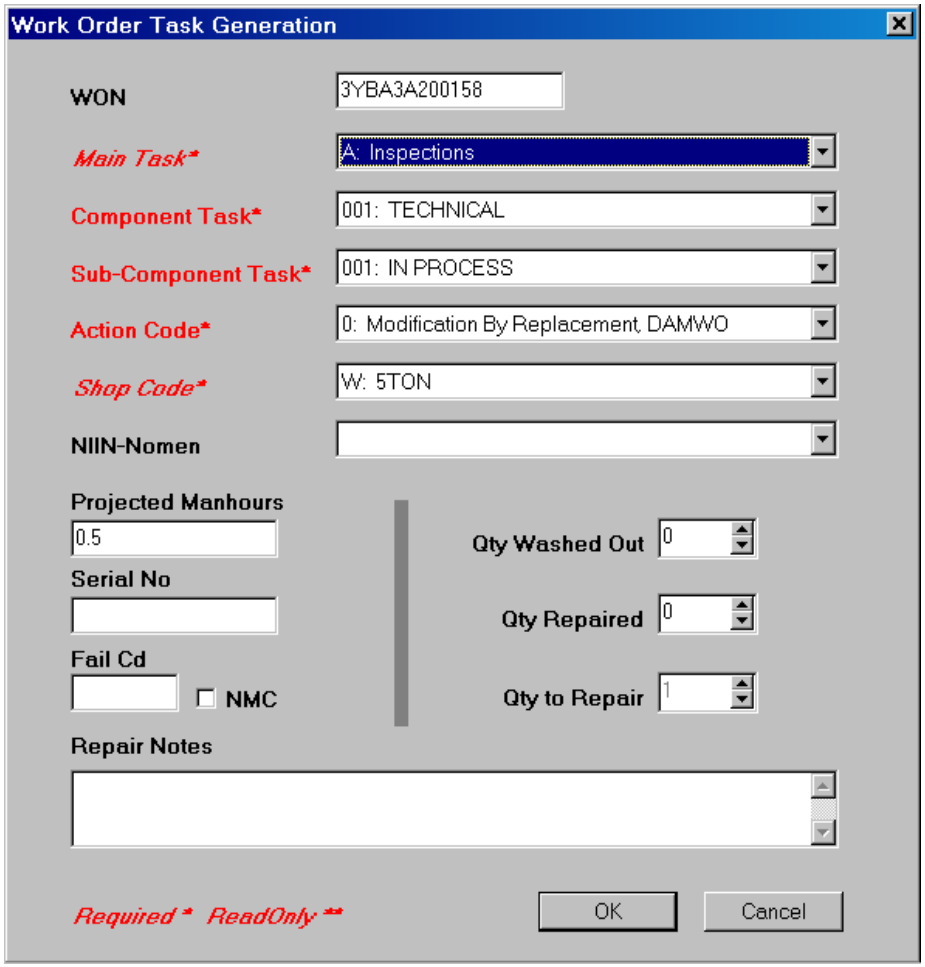
ARSAMS Maintenance Module

Work Order Task(s)

- **Standard Tasks per EIC***
- **Automated formatting of task by EIC and Maintenance Level***
- **Projected Manhours by MAC***
- **Projected Manhours based on Historical Data***
- **Tasks linked to Technical Manuals***

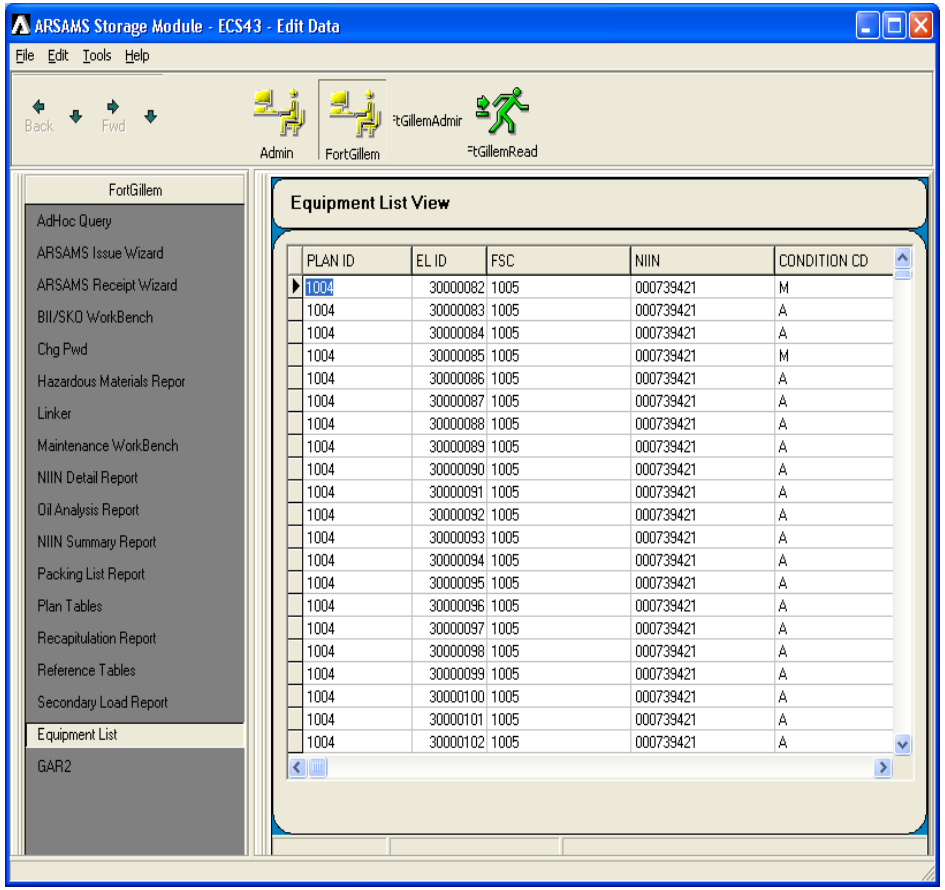


* - Not in SAMS I/TDA

ARSAMS Storage Module

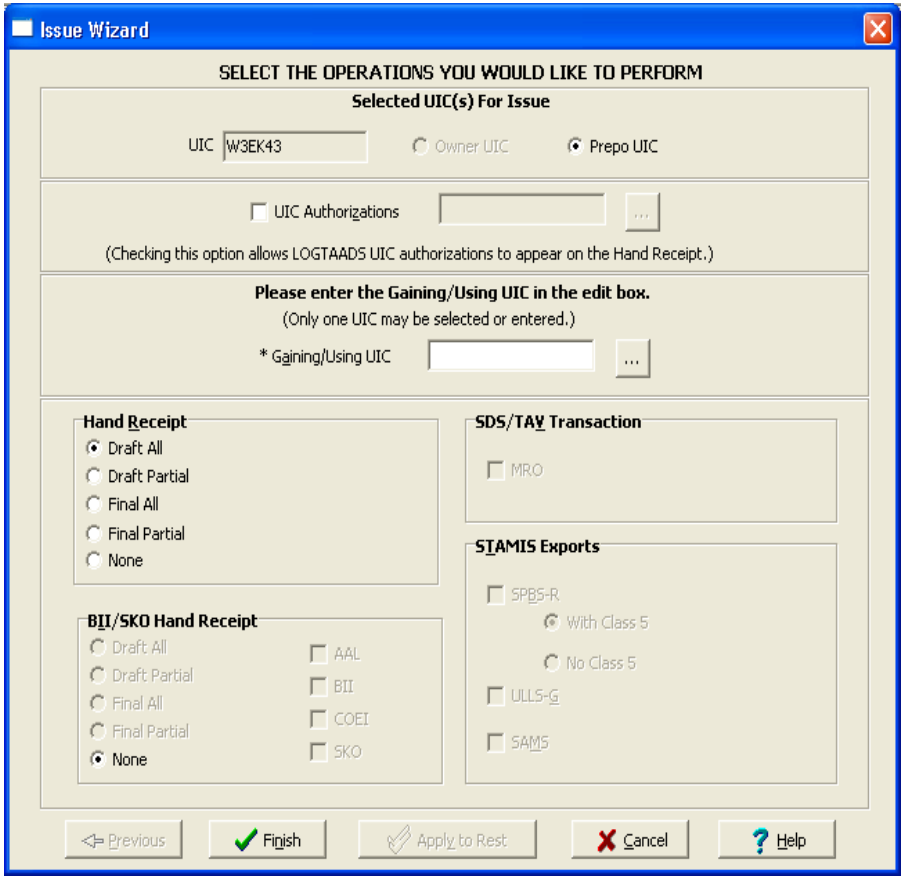
FLEET Management

- Property Accountability
- End Item Detail to Serial Number
- Equipment Condition Tracking
- Readiness Reporting
- Real Time Interface with Maintenance Module



ARSAMS Storage Module

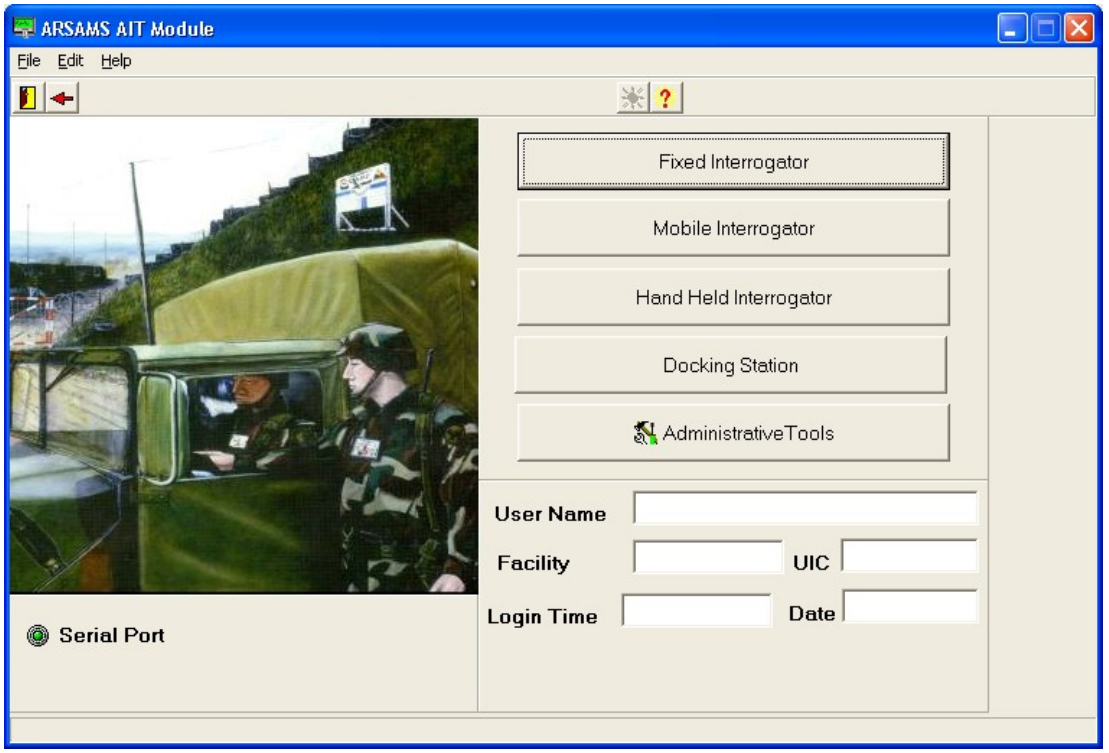
- **Equipment Issue**
- **Wizard Driven Interface to minimize mouse clicks**
- **Provides STAMIS Export updates of Accountable Records**
- **Generates Standard Hand Receipt**
- **Provides BII/SKO Hand Receipts**



ARSAMS AIT Module

Automated Identification

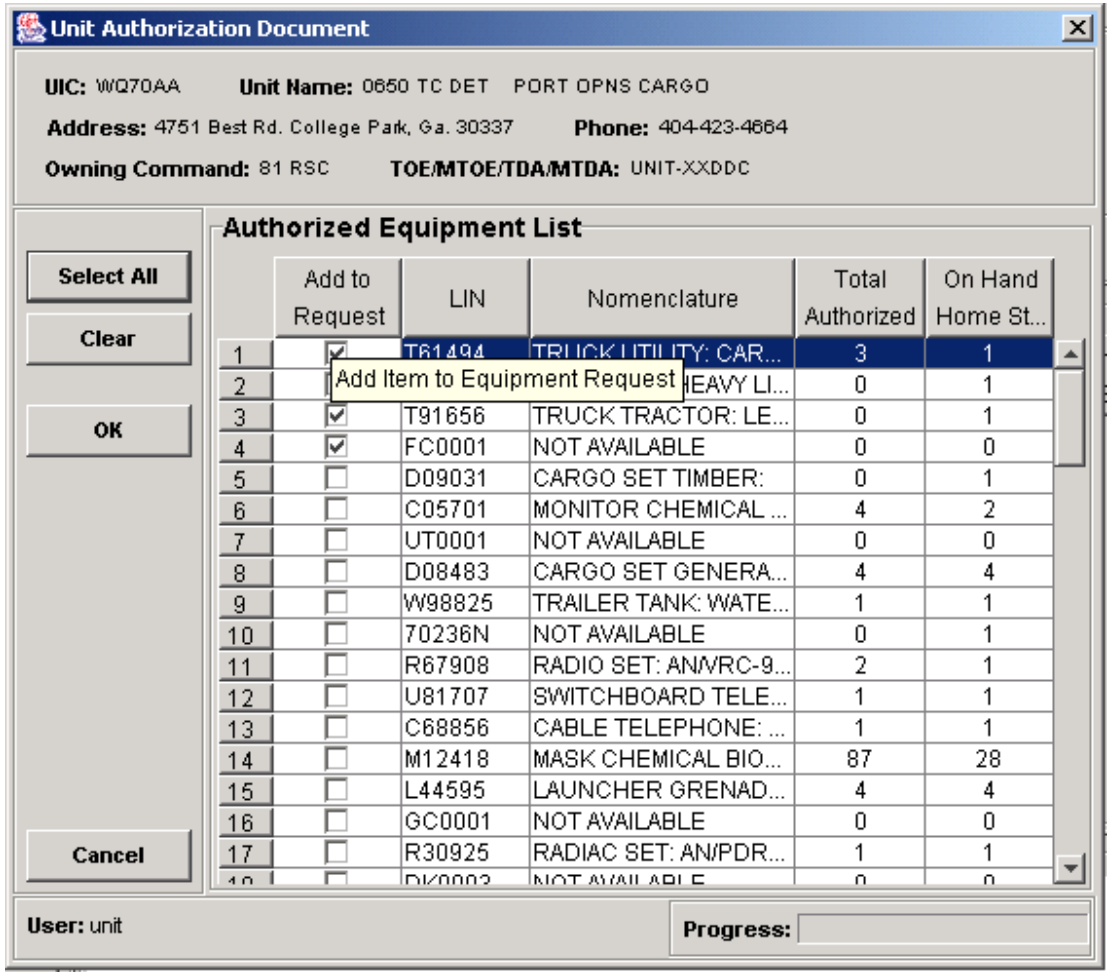
- **Provides end item tracking**
- **Supports reading and writing of both Bar Code Labels and RF Tags**
- **Inventory Management**
- **Army PM AIT certification is in process**



ARSAMS Reservations Module

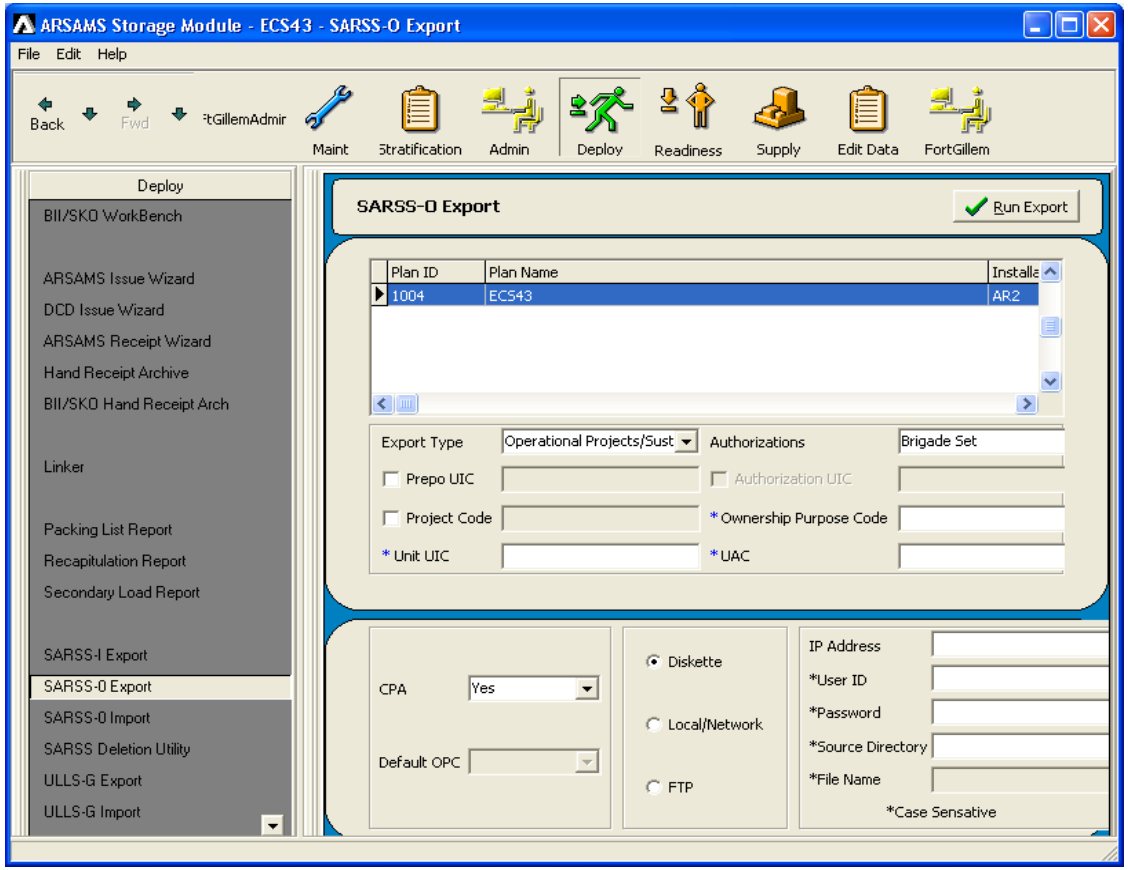
Equipment Reservations

- G3/7, G4, RRC, Unit and Unit Interactive
- Access through Web
- Links equipment and resource requirements
- Includes Interactive Management Control


Unit Authorization Document
UIC: WQ70AA
Unit Name: 0650 TC DET PORT OPNS CARGO
Address: 4751 Best Rd. College Park, Ga. 30337
Phone: 404-423-4664
Owning Command: 81 RSC
TOE/MTOE/TDA/MTDA: UNIT-XXDDC
Authorized Equipment List
Select All
Clear
OK
Cancel
Add Item to Equipment Request
Add to Request
LIN
Nomenclature
Total Authorized
On Hand Home St...
1 T61494 TRUCK UTILITY: CAR... 3 1
2 HEAVY LI... 0 1
3 T91656 TRUCK TRACTOR: LE... 0 1
4 FC0001 NOT AVAILABLE 0 0
5 D09031 CARGO SET TIMBER: 0 1
6 C05701 MONITOR CHEMICAL ... 4 2
7 UT0001 NOT AVAILABLE 0 0
8 D08483 CARGO SET GENERA... 4 4
9 W98825 TRAILER TANK: WATE... 1 1
10 70236N NOT AVAILABLE 0 1
11 R67908 RADIO SET: AN/VRC-9... 2 1
12 U81707 SWITCHBOARD TELE... 1 1
13 C68856 CABLE TELEPHONE: ... 1 1
14 M12418 MASK CHEMICAL BIO... 87 28
15 L44595 LAUNCHER GRENAD... 4 4
16 GC0001 NOT AVAILABLE 0 0
17 R30925 RADIAC SET: AN/PDR... 1 1
User: unit
Progress:

External Interfaces

- **STAMIS interfaces:**
  - **SPBS-R**
  - **ULLS-S4**
  - **ULLS-G**
  - **SAMS**
  - **SARSS**
- **Other interfaces**
  - **TAV**
  - **SDS**
  - **RIDB**
  - **JOPES**
  - **LIDB**
  - **TRM (DHA)**
  - **GTN**



Summary

ARSAMS:

Addresses near term SAMS I/TDA hardware & software end of life issues

Provides soldier with greater capability than SAMS I/TDA

- Maintenance, storage, AIT interface and reservations module.

Leverages continued development by USARC

- Gap analysis of ULLS-G complete.

Compatible with future Single Army Logistics Enterprise architecture

- Blue printing of maintenance module continues.

Ready to move forward with Fleet Maintenance Initiative

- USARC ARSAMS development team